Horry County Code Enforcement

1301 2nd Ave Suite 1D09 Conway, SC 29526



Phone: (843) 915-5090 (843) 205-5090

Fax: (843) 915-6090

Rermit 16773

MEMO OF REVIEW FOR CORRECTNESS AND COMPLETION

In accordance with this community's participation in the National Flood Insurance Program's Community Rating System, all FEMA Elevation Certificates must be correct and complete. The attached Certificate has some incorrect items which are noted here.

SECTION A - PROPERTY INFORMATION	For Insurance Company U
A1. Building Owner splanter	Policy Number
A2. Building Street Address (including ant, Unit, Suite, and/or Bldg. No. for P.O. Route and Box No.	Company NAIC Number
City Sil Ster ZI Sode Partiel SC 27575	
A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.)	
A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.) A5. Latitude/Longitude: Lat Long Horizontal Datum: A6. Attach at least 2 photographs of the building if the Certificate is being used to obtain flood insurance.	□ NAD 1927 □ NAI
A7. Building Diagram Number A8. For a building with a crawl space or enclosure(s), provide a) Square footage of crawl space or enclosure(s) b) No. of permanent flood openings in the crawl space or enclosure(s) walls within 1.0 foot above adjacent grade c) Total net area of flood openings?	ed garage spenings in the attached garage spenings in A9.b
SECTION B - FLOOD INSURANCE RATE MAP (FIRM) INFORMATION	
B1. NFIP Community Name & Community Number B2. County Name	B3. State
B4. Map/Panel Number B5. Suffix B6. FIRM Index Date B7. FIRM Panel Effective/Revised Date B8. Flood Zone(s)	B9. Base Flood Elevation(use base flood de
☐ FIS Profile ☐ FIRM ☐ Community Determined ☐ Other (Describe)	_
SECTION C - BUILDING ELEVATION INFORMATION (SURVEY REQUIRED)	
C1. Building elevations are based on: Construction Drawings* Building Under Construction* *A new Elevation Certificate will be required when construction of the building is complete. C2. Elevations – Zones A1-A30, AE, AH, A (with BFE), VE, V1-V30, V (with BFE), AR, AR/A, AR/AE, AR/A1-A30, AR/AH, AR Complete Items C2.a-h below according to the building diagram specified in Item A7. Benchmark Utilized	□ ./AO.
Indicate elevation datum used for the elevations in items a) through h) below. NGVD 1929 NAVD 1988 Other/Source:	
COMMENTS: Sustances letter or Breakery 44 B	
Date of Review: 2-26-15 Community Official: / Links Off)

lational Flood Insurance P	rogram	Important	: Read the i	instructions	on pag	Jes 1-9.	2012	
		SEC	TION A - PRO	OPERTY INF	ORMA	TION	For Ir	surance Company Use:
A1. Building Owner's Nar	ne JEFFREY T.	BLACK, ETAL					Polic	/ Number
A2. Building Street Addre	ss (including Apt	L, Unit, Suite, and/or i	Bidg, No.) or P.	O. Route and	Box No.		Com	pany NAIC Number
4909 SOUTH OCEAN BO	ULĖVARD							4!
City SURFSIDE BE		C ZIP Code 29575						1,11
A3. Property Description LOT 1, BLOCK 5, LONG E				Description, et	tc.)			ľΨ
A4. Building Use (e.g., Re A5. Latitude/Longitude: Li A6. Attach at least 2 phot A7. Building Diagram Nur	at. <u>33.3825</u> Long ographs of the bu	g. <u>78.5618</u>	•			Horizontal Datu nos.	n: 🗓	NAD 1927 NAD 19
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····	SEC	TION B - FLOOD	INSURANCE	RATE MAP	(FIRM)	INFORMATIC	N	
31. NFIP Community Nam HORRY COUNTY, 450104		Number	B2. County Na HORRY	ame			B3. State SC	•
B4. Map/Panel Number 45051 C0 694	B5. Suffix	B6. FIRM Index Date 9/17/2003	Effective	FIRM Panel ve/Revised Da 8/23/1999	te	B8. Flood Zone(s) VE		lase Flood Elevation(s) (a.O., use base flood depth
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FEMA Form 81-31, Mar 09

See reverse side for continuation.

Replaces all previous editions

Displaying Script Accides a (mouting Agr., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. SECTION D - SURVEYOR, ENGINEER, OR ARCHTECT CERTIFICATION (CONTINUED) Company NAIC Number SECTION D - SURVEYOR, ENGINEER, OR ARCHTECT CERTIFICATION (CONTINUED) Company NAIC Number SECTION D - SURVEYOR, ENGINEER, OR ARCHTECT CERTIFICATION (CONTINUED) Copy both sides of this Elevation Certificate for 1) community official. (2) insurance specificompany, and 3) building owner. Archards & STORAGE AREA BENEATH IS CONSTRUCTED WITH GREAK-AWAY WALLS) THUS NO VENTS ARE RECURRED. LOWEST HORIZONT CHARGE AREA BENEATH IS CONSTRUCTED WITH GREAK-AWAY WALLS) THUS NO VENTS ARE RECURRED. LOWEST HORIZONT CHOCKET E SLAB BENEATH (9.94). LOWEST ELEVATION TO CONCRETE SLAB BENEATH (9.94). LOWEST ELEVATION	IMPORTANT: In these spaces, copy the correspond	ding information from Section A.	Fo	r Insurance Company Use: 2 7
SECTION D - SURVEYOR, ENGINEER, OR ARCHTECT CERTIFICATION (CONTINUED) Copy both sades of the ELECUTION CERTIFICATE (p. 11) community official. (2) insurance agenticompany, and (3) building owner. Company NAIC Number Company NAIC Number Company NAIC Number SECTION B - SURVEYOR, ENGINEER, OR ARCHTECT CERTIFICATION (CONTINUED) Copy both sades of the ELECUTION CERTIFICATE (P. ERECUTION CERTIFICATE) AND STORY WITH PARRINGS & STORAGE BENEATH. AND STORAGE AREA SENCER 11 STORAGE BENEATH. AND STORAGE AREA SENCER 11 STORAGE BENEATH. AND STORAGE AREA SENCER 12 STORAGE BENEATH. SECTION E - BUILDING ELECUTION INFORMATION (SURVEY NOT REQUIRED) FOR ZONE AO AND ZOME A (WITHOUT BFE). For Zones AO and A (without BFE), complete items E1+E6. If the Certificate is intended to support a LOMA or LOMER-Frequent, complete Sections A, B, and C. For Items E1+E4, use natural grade. (Favailable, Check the supported boxes to show whether the devision is above or below the highest adjacent and common sections of the common section information for the followings and check the supported boxes to show whether the devisions in a slower or below the highest adjacent all Top of bottom floor (including) seasment, crawlepace, or enclosure; a plant part of the common section box (reducing) seasment, crawlepace, or enclosure; a plant part of the common season of the Uniform section of the Uniform section and crawlepace, or enclosure; a plant part of the common section box (reducing) seasment, crawlepace, or enclosure; a plant part of the common section box (reducing) seasment, crawlepace, or enclosure) is plant part of the common section box (reducing) seasment, crawlepace, or enclosure) is plant part of the common section box (reducing) seasment, crawlepace, or enclosure) is plant part of the common section box (reducing) seasment, crawlepace, or enclosure) is plant part of the common section box (reducing) seasment crawlepace, or enclosure) is plant part of the common section box (reducing) seasment crawlepace, or enclosure) is plant part	Building Street Address (including Apt., Unit, Suite, and/or Blds			
SECTION D - SURVEYOR, ENGINEER, OR ARCHITECT CERTIFICATION (CONTINUED) Copy both sides of the Elevation Certificate for (1) community offical (2) insurance agenticompany, and (3) building owner. Comments FINAL CONSTRUCTION ELEVATION CERTIFICATE RESIDENCE: & ADJECT TWO STORY WITH PARKING & STORAGE BENEATH. ANALYSIS AND CONSTRUCTION ELEVATION CERTIFICATE. RESIDENCE: & ADJECT TWO STORY WITH PARKING & STORAGE BENEATH. ANALYSIS AND CONSTRUCTION OF ADJECT AND CONTINUED OF ADJACENT REAR STEPS @ 7 89. SECTION E - BUILDING ELEVATION INFORMATION (SURVEY NOT REQUIRED) FOR ZONE AO AND ZONE A (WITHOUT BFE) For Zones AO and A (without BFE), complete Imms E1-E5 (if the Certificate is intended to support a LOMA or LOMA-F request, complete Sections A. B. and C. For Imms E1-E4, use antural grade, if available. Check the missistent used in burst on Edwards in a continued of the Certification in Imms and the lowest adjacent grade (IAA) and the lowest grade (IAA) and the lowest				ompany NAIC Number
complete Service of this Elevation Certificate for (1) community official. (2) insurance agent/company, and (3) building owner. commence FINAL CONSTRUCTION ELEVATION CERTIFICATE RESIDENCE: A BASISSED TWO STORY WITH PARRING & STORAGE BEHEATH MANNING & STORAGE APAC SEARCH HIS CONSTRUCT EVENT (2) 180°. PRINSH FLOOR @ 22.57°. ELEVATION OF CONCRETE SIAS BEHEATH @ 9.9°. LOWEST HORIZONT. FADJACENT REAR STEPS @ 7.80°. SECTION E - BUILDING ELEVATION INFORMATION (SURVEY NOT REQUIRED) FOR ZONE AO AND ZONE A (WITHOUT BFE) for Zones AO and A (without BFE), complete from E.1-E.5 if the Certificate is intended to support a LOWA or LOMER request, complete Sections A, B, and C. For liters E-1-E.4, use natural grade, if available. Check the measurement used. In Platent Ricc cony, either meters. 1. Provide elevation information for the following and check the appropriate boxes to show whether the elevation is above or below the highest adjacent grade (ARA). 2. For Situling Diagrams 5.9 with permittent flood openings provided in Section 1 (see a place) 2.9° of institutions), the next highest adjacent grade (ARA). 3. Top of bottom floor (including basement, crawlepace, or enclosure) is			l_	
Date 3/29/2012	SECTION D - SURVEYOR, EN	NGINEER, OR ARCHITECT CERTIFIC	ATION (CONTIN	IUED)
SECTION E - BUILDING ELEVATION INFORMATION (SURVEY NOT REQUIRED) FOR ZONE AO AND ZONE A (WITHOUT SEP) For Zones AO and A (webout SE), complete firms E1-E5. If the Certificate is intended to support a LOMA or LOMA-F request, complete Sections A, B, and C. For Items E1-E4, use natural grade, if available. Check the measurement used. In Pustor Rico only, enter meters. 1. Provide elevation information for the following and check the appropriate boxes to show whether the elevation is above or below the highest adjacent grade (HAG), and the lowest adjacent grade (HAG). a) Top of bottom floor (including basement, crawspace, or enclosure) is feetmeters:above or below the HAG. b) Top of bottom floor (including basement, crawspace, or enclosure) is feetmeters: above or below the HAG. 2. For Blunding Diagrams 6-9 with permanent flood openings provided in Section A Items 8 and/or 9 (see pages 8-9 of Institutions), the next higher floor (selevation C2 to in the diagrams) of the building is feetmeters: above or below the HAG. 2. Top of platform of machinery and/or equipment servicing the building is feetmeters: above or below the HAG. 2. Top of platform of machinery and/or equipment servicing the building is 2. Top of platform of machinery and/or equipment servicing the building is 3. Exervice of	COMMENTS FINAL CONSTRUCTION ELEVATION CERTIFIC PARKING & STORAGE AREA BENEATH IS CONSTRUCTED MEMBER @ 21.04'. MECHANICALS @ 21.89'. FINISH FLOO	CATE. RESIDENCE IS A RAISED TWO STO D WITH BREAK-AWAY WALLS) THUS NO	ORY WITH PARKI VENTS ARE REQ	JIRED. LOWEST HORIZONTA
SECTION E - BUILDING ELEVATION INFORMATION (SURVEY NOT REQUIRED) FOR ZONE AO AND ZONE A (WITHOUT BFE) For Zones AO and A (without BFE), complete forms E1-55. If the Certificate is intended to support a LOMA or LOMER request, complete Sections A, B, and C, For Items E1-54, use natural grade. If fixalished. Check the measurement used in Pauto Roco only, other meters. E1. Provide elevation information for the following and check the appropriate boxes to show whether the elevation is above or below the highest adjacent grade (HAG) and the lowest grade (HAG) and the l	Signature Z/_ I B	Date 3/29/2012		El Chadahara Kamahara
For Zones AO and A (without BFE), complete terms E1-E5. If the Certificate is intended to support a LOMA or LOMR-F request, complete Sections A, B, and C. For items E1-E4, use natural grade, if available. Check the measurement used. In Pusific Ricco only, enter meters. 1. Provide elevation information for the following and check the appropriate boxes to show whether the elevation is above or below the highest adjacent grade (LAG), and the lowest grade (LAG) and th	SECTION F. BUILDING ELEVATION INFORMATI	ION (SURVEY NOT REQUIRED) FOR	ZONE AO AND	
SECTION G - COMMUNITY INFORMATION (OPTIONAL) el local official who is authorized by law or ordinance to administer the community's floodplain management ordinance can complete Sections A, B, C (or Ed G of this Elevation Certificate. Complete the applicable item(s) and sign below. Check the measurement used in Items G8 and G9. The information in Section C was taken from other documentation that has been signed and sealed by a licensed surveyor, engineer, or architect via suthorized by law to certify elevation information. (Indicate the source and date of the elevation data in the Comments area below.) A community official completed Section E for a building located in Zone A (without a FEMA-issued or community-issued BFE) or Zone AO. The following information (Items G4-G9) is provided for community floodplain management purposes. Provided Provi	and C. For Items E1-E4, use natural grade, if available. Chece Provide elevation information for the following and check grade (HAG) and the lowest adjacent grade (LAG). a) Top of bottom floor (including basement, crawlspace, b) Top of bottom floor (including basement, crawlspace, b) Top of bottom floor (including basement, crawlspace, For Building Diagrams 6-9 with permanent flood opening (elevation C2.b in the diagrams) of the building is E3. Attached garage (top of slab) is	ck the measurement used. In Puerto Rico of the appropriate boxes to show whether the post of the appropriate boxes to show whether the post of the complete states of the complete stat	inly, enter meters. elevation is above meters abore meters abore ele pages 8-9 of ins below the HAG neters above or dance with the com in G. IVE) CERTIFICA (without a FEMA-is dige.	e or below the highest adjacent we or below the HAG. we or below the LAG. tructions), the next higher floor below the HAG. trunity's floodplain management think
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local official who is authorized by law or ordinance to administer the community's floodplain management ordinance can complete Sections A, B, C (or Ed G of this Elevation Certificate. Complete the applicable item(s) and sign below. Check the measurement used in Items G8 and G9. The information in Section C was taken from other documentation that has been signed and sealed by a licensed surveyor, engineer, or architect vis authorized by law to certify elevation information. (Indicate the source and date of the elevation data in the Comments area below.)	SECTION G	COMMUNITY INCORMATION (OPTIC	MAL)	Uneck here if adactiff
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BFE or (in Zone AO) depth of flooding at the building site: Geet meters (PR) Datum	The information in Section C was taken from other docis authorized by law to certify elevation information. (I A community official completed Section E for a building	(Indicate the source and date of the elevation ing located in Zone A (without a FEMA-issue for community floodplain management purpo	n data in the Comn d or community-iss ises.	rveyor, engineer, or architect waterits area below.) ued BFE) or Zone AO.
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Signature Date Comments	1. The information in Section C was taken from other doi is authorized by law to certify elevation information. (I 2. A community official completed Section E for a buildin 3. The following information (Items G4-G9) is provided for G4. Permit Number G5. Date Permit Issu G7. This permit has been issued for: New Construction B. Elevation of as-built lowest floor (including basement) of th G9. BFE or (in Zone AO) depth of flooding at the building site: 10. Community's design flood elevation	(Indicate the source and date of the elevation in glocated in Zone A (without a FEMA-issued for community floodplein management purpound G6. Date Certified G6. Date	n data in the Common dor community-issues. Ficate Of Complian ers (PR) Datum	rveyor, engineer, or architect waterits area below.) ued BFE) or Zone AO. ce/Occupancy Issued
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☐ Check here if attacher	The information in Section C was taken from other dois authorized by law to certify elevation information. (I A community official completed Section E for a building. The following information (Items G4-G9) is provided formation (Items G4-G9) is provided formation. (It	(Indicate the source and date of the elevation in glocated in Zone A (without a FEMA-issue) for community floodplain management purpouted G6. Date Certified G6. Date	n data in the Common dor community-issues. Ficate Of Complian ers (PR) Datum	rveyor, engineer, or architect waterits area below.) ued BFE) or Zone AO. ce/Occupancy Issued
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OCT-19-2011 11:38 From:HC CODE ENFORCEMENT 8439156890

To: 92356341 626-3788

Sample V Zone Certification

V-Zone Certification						
Property Information F	For Insurance Company Use					
	Policy Information					
JEPPREY AND STEPHANIE BLACK						
Building Address or Other Description						
4909 SOUTH OCEMS BULL , MYRTELE						
	tate 5C	Zip 29585				
	SECTION I: FLOOD INSURANCE RATE MAP (FIRM) INFORMATION Note: To be obtained from appropriate FIRMs					
Community No. Panel No. Suffix . Da	ate of FIRM	FIRM Zone				
450/04 45057 60 694 H In	dax 8/23/99	V.E				
SECTION II: ELEVATION INFOR						
Note: This form is not a substitute for an Elevation Certificate	. Elevations shou	ild be rounded to				
nearest tenth of a foot.						
1. Elevation of the Bottom of Lowest Horizontal Structure Men	nber	2/,08 feet				
2. Base Flood Elevation		20.00 feet				
Elevation of Lowest Adjacent Grade		9.0 feet				
4. Approximate Depth of Anticipated Scour/Erosion used for F	oundation	//				
Design		32" feet-				
Embedment Depth of Pilings or Foundation Below Lowest	Adjacent Grade	40'-45' feet				
6. Datum Used X NGVD '29 NAVD '88		Other				
SECTION III: FLOOD INSURANCE RATE MAP						
Note: This section must be certified by a registered prof	'essional engineer	or architect.				
I certify that I have developed or reviewed the structural design	n, plans and spec	ifications for				
construction and that the methods of construction to be used a	are in accordance	with accepted				
standards of practice for meeting the following provisions:						
a.) The bottom of the lowest horizontal structure member		r (excluding the				
pillings or columns) is elevated to or above the BFE; at						
b.) The pile or column foundation and structure attached						
flotation, collapse and lateral movement due to the eff						
acting simultaneously on all building components. We						
associated with the base flood including wave action.						
those required by the applicable State or local building						
erosion at the foundation has been anticipated for con including wave action.	VOLUMON'S SISSOCIATED	with the flood,				
SECTION IV: FLOOD INSURANCE RATE MAP	/CIDAL BIFOR	MATION				
Note: This section must be certified by a registered prof I certify that I have developed or reviewed the structural design						
construction and that the methods of construction to be used t	ir, plans and spec	urelle see in				
accordance with accepted standards of practice for meeting the following provisions:						
c.) Breakaway collapse shall result from water load less than that which would occur during						
the base flood; and.						
		Julia occur auring				
d.) The elevated portion of the building and supporting to	undation system :	· -· · · · · · •				
d.) The elevated portion of the building and supporting for subject to collapse, displacement, or other structural of		shall not be				
subject to collapse, displacement, or other structural of	lamage due to the	shall not be a effects of wind				
subject to collapse, displacement, or other structural of and water loads acting simultaneously on all building	lamage due to the	shall not be a effects of wind				
subject to collapse, displacement, or other structural of	damage due to the components (wind	shall not be a effects of wind				
subject to collapse, displacement, or other structural of and water loads acting simultaneously on all building loading values defined in Section III). SECTION V: CERTIFICAT (Check: Section III and/or Section III and Section III	damage due to the components (wind ION	shall not be a effects of wind I and water				
subject to collapse, displacement, or other structural of and water loads acting simultaneously on all building loading values defined in Section III). SECTION V: CERTIFICAT (Check: Section III	damage due to the components (wince the components) ION (don IV) Itle Ou H.F.6	shall not be a effects of wind I and water				
subject to collapse, displacement, or other structural of and water loads acting simultaneously on all building loading values defined in Section III). SECTION V: CERTIFICAT (Check: Section III and/or Section III and III and II a	damage due to the components (wince the components) ION Ide	shall not be a effects of wind I and water				
subject to collapse, displacement, or other structural of and water loads acting simultaneously on all building loading values defined in Section III). SECTION V: CERTIFICAT (Check: Section III. and/or Section III. and/or Section III. and/or Section III. and/or Section III. Street Address	damage due to the components (wink for IV) Itle Ou HF6 icense No. 192	shall not be e effects of wind I and water				
subject to collapse, displacement, or other structural of and water loads acting simultaneously on all building loading values defined in Section III). SECTION V: CERTIFICAT (Check: Section III) and/or Section III and/or	damage due to the components (wince the components) ION Ide	shall not be e effects of wind I and water				

12-2615





February 19, 2015

Mr Mike O'dea
Horry County Code Enforcement
1309 2nd Ave., Rm. 1D09
Conway, S.C. 29526

Subject:

Black Residence Long Bay Estates Myrtle Beach, S.C.

Dear Mr. Farria:

• Ground floor louvered enclosures at subject residence has been constructed as "Breakaway Walls" in accordance with FEMA guidelines in Coastal Construction Manual (FEMA 55) 12.4.6

If you should have any questions regarding this matter, please don't hesitate to call Craig

Sincerely,

Crang Daniel, P.E.